

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTOELECTRONIC DEVICES**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. \_\_\_\_\_)  
☒ was filed as PCT International application No. PCT/GB03/003343 on 31-Jul-2003  
 and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s): Application Number	Country	Day/Month/Year Filed
0217900.0	GB	02-Aug-2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s): Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/GB03/003343	31-Jul-2003	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: <u>William Barnes</u>	Date: <u>2/2/2005</u>
	Inventor: William L Barnes (first) (last)	British (citizenship)
	Residence: (city) <u>Exeter</u>	(state/country) <u>United Kingdom</u>
	Mailing Address: <u>49 Retreat Road, Topsham, Exeter</u> (Zip Code) <u>EX3 0LF</u>	
2.	Inventor's Signature: _____	Date: _____
	Inventor: John R Sambles (first) (last)	British (citizenship)
	Residence: (city) <u>Crediton</u>	(state/country) <u>United Kingdom</u>
	Mailing Address: <u>Rivendell, Pope's Lane, Lapford, Crediton</u> (Zip Code) <u>EX17 6QU</u>	

**[x] See attached sheet(s) for additional inventor(s) information!!**

Serial No.  
Page 2

Nixon & Vanderhye P.C. (10/99)  
(Domestic Non-Assigned/Foreign)

3. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Ian R Hooper British  
(first) MI (last) (citizenship)  
Residence: (city) Exeter (state/country) United Kingdom  
Mailing Address: 6 Highcross Road, Exeter  
(Zip Code) EX4 4NP
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Stephen Wedge British  
(first) MI (last) (citizenship)  
Residence: (city) St Ives (state/country) United Kingdom  
Mailing Address: 2 Atlantic Terrace, St Ives  
(Zip Code) TR26 1JQ
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTOELECTRONIC DEVICES

the specification of which (check applicable box(es)):

☐ is attached hereto

☐ was filed on

as U.S. Application Serial No.

(Atty. Dkt. No. \_\_\_\_\_)

☒ was filed as PCT International application No.

PCT/GB03/003343

on

31-Jul-2003

and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number  
0217900.0

Country  
GB

Day/Month/Year Filed  
02-Aug-2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

Application Serial No.

Day/Month/Year Filed

Status: patented  
pending, abandoned

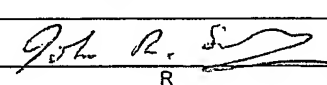
PCT/GB03/003343

31-Jul-2003

PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-

4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature:	_____			Date:	_____
	Inventor:	William (first)	L MI	Barnes (last)	British (citizenship)	
	Residence: (city)	Exeter	(state/country)		United Kingdom	
	Mailing Address:	49 Retreat Road, Topsham, Exeter				
	(Zip Code)	EX3 0LF				
2.	Inventor's Signature:				Date:	3/3/5
	Inventor:	John (first)	R MI	Sambles (last)	British (citizenship)	
	Residence: (city)	Crediton	(state/country)		United Kingdom	
	Mailing Address:	Rivendell, Pope's Lane, Lapford, Crediton				
	(Zip Code)	EX17 6QU				

**[x] See attached sheet(s) for additional inventor(s) information!!**

Serial No.  
Page 2

3. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Ian R Hooper British  
(first) MI (last) (citizenship)  
Residence: (city) Exeter (state/country) United Kingdom  
Mailing Address: 6 Highcross Road, Exeter  
(Zip Code) EX4 4NP
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Stephen Wedge British  
(first) MI (last) (citizenship)  
Residence: (city) St Ives (state/country) United Kingdom  
Mailing Address: 2 Atlantic Terrace, St Ives  
(Zip Code) TR26 1JQ
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTOELECTRONIC DEVICES**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. \_\_\_\_\_)  
☒ was filed as PCT International application No. PCT/GB03/003343 on 31-Jul-2003  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):	Application Number	Country	Day/Month/Year Filed
	0217900.0	GB	02-Aug-2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT International applications listed above or below:

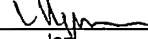
Prior U.S./PCT Application(s):	Day/Month/Year Filed	Status: patented pending, abandoned
Application Serial No. PCT/GB03/003343	31-Jul-2003	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: _____	Date: _____
	Inventor: William L Barnes (first) MI (last)	British (citizenship)
	Residence: (city) Exeter	(state/country) United Kingdom
	Mailing Address: 49 Retreat Road, Topsham, Exeter	
	(Zip Code) EX3 0LF	
2.	Inventor's Signature: _____	Date: _____
	Inventor: John R Sambles (first) MI (last)	British (citizenship)
	Residence: (city) Crediton	(state/country) United Kingdom
	Mailing Address: Rivendell, Pope's Lane, Lapford, Crediton	
	(Zip Code) EX17 6QU	

**[x] See attached sheet(s) for additional inventor(s) information!!**

Serial No.  
Page 2

3. Inventor's Signature:  Date: 2/2/05  
Inventor: Ian R Hooper British  
(first) (MI) (last) (citizenship)  
Residence: (city) Exeter (state/country) United Kingdom  
Mailing Address: 6 Highcross Road, Exeter  
(Zip Code) EX4 4NP
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Stephen MI Wedge British  
(first) (last) (citizenship)  
Residence: (city) St Ives (state/country) United Kingdom  
Mailing Address: 2 Atlantic Terrace, St Ives  
(Zip Code) TR26 1JQ
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) (MI) (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) (MI) (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

RULE 63 (37 C.F.R. 1.63)  
INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTOELECTRONIC DEVICES

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. \_\_\_\_\_)  
☒ was filed as PCT International application No. PCT/GB03/003343 on 31-Jul-2003  
 and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
0217900.0	GB	02-Aug-2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):  
Application Serial No.

Day/Month/Year Filed

Status: patented  
pending, abandoned

PCT/GB03/003343	31-Jul-2003	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-

4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: _____	Date: _____
	Inventor: William L Barnes (first) MI (last)	British (citizenship)
	Residence: (city) Exeter (state/country) United Kingdom	
	Mailing Address: 49 Retreat Road, Topsham, Exeter	
	(Zip Code) EX3 0LF	
2.	Inventor's Signature: _____	Date: _____
	Inventor: John R Sambles (first) MI (last)	British (citizenship)
	Residence: (city) Crediton (state/country) United Kingdom	
	Mailing Address: Rivendell, Pope's Lane, Lapford, Crediton	
	(Zip Code) EX17 6QU	

**[x] See attached sheet(s) for additional inventor(s) information!!**

3.	Inventor's Signature: _____	Date: _____
	Inventor: Ian R Hooper (first) MI (last)	British (citizenship)
	Residence: (city) Exeter (state/country) United Kingdom	
	Mailing Address: 6 Highcross Road, Exeter	
	(Zip Code) EX4 4NP	
4.	Inventor's Signature: <u>S. Wedge</u>	Date: <u>02/02/05</u>
	Inventor: Stephen MI Wedge (first) (last)	British (citizenship)
	Residence: (city) St Ives (state/country) United Kingdom	
	Mailing Address: 2 Atlantic Terrace, St Ives	
	(Zip Code) TR26 1JQ	
5.	Inventor's Signature: _____	Date: _____
	Inventor: _____	_____
	(first) MI (last) (citizenship)	
	Residence: (city) _____ (state/country) _____	
	Mailing Address: _____	
	(Zip Code) _____	
6.	Inventor's Signature: _____	Date: _____
	Inventor: _____	_____
	(first) MI (last) (citizenship)	
	Residence: (city) _____ (state/country) _____	
	Mailing Address: _____	
	(Zip Code) _____	

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.